

Recombinant Rat Dars, His-tagged

Cat. No. Dars-3671R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Aspartate--tRNA ligase, cytoplasmic (Dars)
Species	Rat
Source	E.Coli/Yeast
ProteinLength	501
Description	the catalytic domain of rat liver aspartyl-tRNA synthetase .
Form	This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.
Purity	>90%
Notes	Small volumes of Dars recombinant protein may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container's cap. Certain products may require to ship with dry ice.
Storage	Store at -20 degree C. For extended storage, store at -20 or -80 degree C.
Storage Buffer	PBS pH 7.4, 50% glycerol
Warning	This product is for research use only. Not for use in diagnostic or therapeutic

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procedures.

GENE INFORMATION

Gene Name	Dars aspartyl-tRNA synthetase [<i>Rattus norvegicus</i>]
Official Symbol	Dars
Synonyms	DARS; aspartyl-tRNA synthetase; aspartate--tRNA ligase, cytoplasmic; aspRS; aspartyl-tRNA synthetase, cytoplasmic; DRS1;
Gene ID	116483
mRNA Refseq	NM_053799
Protein Refseq	NP_446251
Chromosome Location	13q12
Pathway	Alanine and aspartate metabolism, organism-specific biosystem; Aminoacyl-tRNA biosynthesis, organism-specific biosystem; Aminoacyl-tRNA biosynthesis, conserved biosystem; Aminoacyl-tRNA biosynthesis, eukaryotes, organism-specific biosystem; Aminoacyl-tRNA
Function	ATP binding; aspartate-tRNA ligase activity; ligase activity; nucleic acid binding; nucleotide binding;

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